## 2019 CERTIFICATION 2020 JUN 30 AM St 00

Consumer Confidence Report (CCR) City of Orca

	Public Water System Name
-	List PWS ID #s for all Community Water Systems included in this CCR
a Co must	Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute onsumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR to be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon lest. Make sure you follow the proper procedures when distributing the CCR. You must email, fax (but not preferred) or I, a copy of the CCR and Certification to the MSDH. Please check all boxes that apply.
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	☐ Advertisement in local paper (Attach copy of advertisement)
	☐ On water bills (Attach copy of bill)
	☐ Email message (Email the message to the address below)
	☐ Other
	Date(s) customers were informed: 6 /25 /2020 / /2020 / /2020
	CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used
	Date Mailed/Distributed:/
	CCR was distributed by Email (Email MSDH a copy)  Date Emailed: / / 2020
	☐ As a URL(Provide Direct URL)
	☐ ☐ As an attachment
	☐ As text within the body of the email message
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: The Entergrise - Toesin
	Date Published: 6 125120
	CCR was posted in public places. (Attach list of locations)  Date Posted: / / 2020
	CCR was posted on a publicly accessible internet site at the following address:
	(Provide Direct URL)
I he above and of H	RTIFICATION ereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified we and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department Health, Bureau of Public Water Supply
	me/Title (Roard President Mayor Owner Admin Contact, etc.)  Date
	me/Title (Board President, Mayor, Owner, Admin. Contact, etc.)  Date
	Submission antions (Salast one method ONIV)

**Submission options** (Select one method ONLY)

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

\*\*Not a preferred method due to poor clarity\*\*

CCR Deadline to MSDH & Customers by July 1, 2020!

## 2019 Annual Drinking Water Quality Report Town of Drew PWS#: 0670004

June 2020

2020 JUN 16 AM 9: 05

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Drew have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Melvin Matthews at 662.303,8518. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meetings scheduled for the first Tuesday of the month at 5:30 PM at the City Hall.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RES	SULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2019	.0117	.01110117	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	3.1	.6 – 3.1	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
		2019						

16. Fluoride	N		1.1	.395 – 1.1	ppn	n		4		ad tee	osion of natural deposits; water ditive which promotes strong eth; discharge from fertilizer and uminum factories
17. Lead	N	2015/17*	2	0	ppt	)		0	AL=	sy	orrosion of household plumbing stems, erosion of natural posits
Sodium	N	2019	170000	160000 - 17000	00 PPI	PPB		0		CH	oad Salt, Water Treatment nemicals, Water Softeners and wage Effluents.
Volatile C	)rganic	Contam	inants	100	210		7111				
76, Xylenes	N	2017*	.00127	No Range	F	pm		10		fac	scharge from petroleum ctories; discharge from emical factories
Disinfecti	on By-	Products		10,000							
81. HAA5	N	2016*	3	No Range	ppb		0				oduct of drinking water ection.
Chlorine	N	2019	1.3	0 – 2.76	mg/l		0	-		Water microt	additive used to control pes

<sup>\*</sup> Most recent sample. No sample required for 2019.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of Drew works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

## 2019 Annual Drinking Water Quality Report Town of Drew PWS#: 0870004 June 2020

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We're pleased to present to you this year's Annual Quality Water Report. This report is considered a short you be constant goal is to provide you with a safe and depended a short you provide you with a safe and depended a short you constant work of constant you to understand the efforts we make to continuity improve the vester resources and profect our water resources. We went you to ensuring the quality of your water. Our water source is from wells drawing from the Mericlain Upper Wilcox Aquiler.

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				TEST RES	SULTS	0.200	Waste.	
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCLIACL	Unit Manageme- ment	MCEG	MCL	Likely Source of Contamination
Inorganic	Contam	inants	To State		WHEN S	Mess	DATE OF STREET	
10. Barium	N	2019	.0117	.01110117	ррги	21		WHEN HIS OF RESIDEN
	T SCHOOL	COLUMN TO STATE OF THE STATE OF	3 32 11 18		100000000000000000000000000000000000000			Discharge of diliting waster, discharge from motel refinaries;
13. Chromium	14	2019	3.1	5-31	1 150 10 750	No. of the	1000	eroxion of natural deposits
	HE STATE	300		200	ppb	100	100	Discharge from steel and calo
14. Copper	M. State	2015/17*	2	0			To see a	mile, prosper of natural deposits
					ррта	13	AL=1.3	Computer of featured plumber systems; existen of natural deposits; leacting from wood preservatives.

18. Fluoride	140	2019	-									
		2019		1.1	.395 – 1.1		ppm	4 8	4		4 Enterior of natural deposits, seal additive which promotes along tests; discharge from fortilizer	
17 Lead	N	2015/17		2	0		ppb		0		and plontinum factories	
A THE REAL PROPERTY.									0		<ol> <li>Corresion of household plumbin systems, evolute of natural</li> </ol>	
Sodium	N	2019		170000	160000 - 170000	200	Section 2.				deposits	
			8		100000 - 17000	"	778		0		Road Saft, Water Treatment     Chemicals, Water Softeners an	
Volatile (	)rgani	e Contan	ins	nts		34.3				1100	Severge Efficients	
76. Xylenes	- N	2017"		00127	No Starege			-		1		
	9 93	11 489			но жатера		bbue		10	1	10 Discharge from patroleum factories; discharge from	
Disinfecti	on By-	Products	i a	1.800	- The Part	1000	10000	200		2 75.70	chemical factories	
81. HAAS	M	2016*	3	1.	lo Range	201	1000	450	TOWN TO	- 3		
2000 P		2010	68	10000	io Kange	ppb	Car Field	0	VAL A	50	By-Product of drinking water	
Chlorine	N	2019	1.3	0	0-276				175 THUSSON		distribution.	
-		L PROPERTY.		128110	-2.76 mg		500	0 MOR		=4	ater additive used to control	

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The Town of Drow works around the clock to provide top quality water to every top. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our channes future.